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June 17, 2005

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Ms. Mamie P. Person  
PTO/PCT Department  
2900 South Tower, Arlington  
Virginia 22202

Re: **Notification of Missing Requirements,  
Transmittal Letter and Executed Declaration documents  
filed January 10, 2005**  
U.S. Patent Appln. S.N.: **10/519,831**  
By: **Shigeru KOHINATA, et al.**  
Your Ref: **FSK020038PCT-US33**  
Our Ref: **P3273-2900-040660**

Dear Ms. Person:

Further to our telephone conversation on June 9, 2005, please find enclosed documents regarding the Notification of Missing Requirements dated May 13, 2005, indicating that the Declaration was not signed or executed. As a proof, we are sending you a copies of the Transmittal Letter, the executed Declaration filed January 10, 2005, and the Notification of Missing Requirements.

If you have any questions, please feel free to contact us.

With kind regards,

Very truly yours,

ARMSTRONG, KRATZ, QUINTOS,  
HANSON & BROOKS, LLP.

Enclosures: Copy of the Notification of Missing Requirements dated May 13, 2005,  
Copies of the Transmittal Letter and Executed Declaration, filed January 10, 2005.



## UNITED STATES PATENT AND TRADEMARK OFFICE

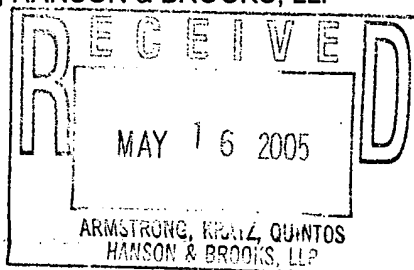
UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
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www.uspto.gov

U.S. APPLICATION NUMBER NO. 10/519,831	FIRST NAMED APPLICANT Shigeru Kohinata	ATTY. DOCKET NO. 040660
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INTERNATIONAL APPLICATION NO. PCT/JP02/12995
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IA. FILING DATE 12/12/2002	PRIORITY DATE 07/18/2002
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23850  
ARMSTRONG, KRATZ, QUINTOS, HANSON & BROOKS, LLP  
1725 K STREET, NW  
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WASHINGTON, DC 20006



CONFIRMATION NO. 9778  
371 FORMALITIES LETTER



\*OC000000015919755\*

Date Mailed: 05/13/2005

Due: JULY 13, 2005

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 01/10/2005
- Copy of the International Search Report filed on 01/10/2005
- Copy of IPE Report filed on 01/10/2005
- Preliminary Amendments filed on 01/10/2005
- Information Disclosure Statements filed on 01/10/2005
- Oath or Declaration filed on 01/10/2005
- Request for Immediate Examination filed on 01/10/2005
- Copy of references cited in ISR filed on 01/10/2005
- U.S. Basic National Fees filed on 01/10/2005
- Assignment filed on 01/10/2005

PCT-National Phase  
Priority 7-18-02  
20 months  
30 months  
32 months: 3-18-05

07/20/2005 GFREY1 00000140 012340 10519831  
01 FC:1617 130.00 DA

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
  - is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.
- \$130 Surcharge for providing the oath or declaration later than 30 months from the priority date (37 CFR 1.492(e)) is required.

#### SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

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DOCKETED	5/17/05
DATE	5/17/05

- \$130 Late oath or declaration Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

MAMIE P PERSON

Telephone: (703) 308-9140 EXT 227

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/519,831	PCT/JP02/12995	040660

FORM PCT/DO/EO/905 (371 Formalities Notice)

**COPY**

U.S. DEPARTMENT OF COMMERCE, PATENT AND TRADEMARK OFFICE		DATE: <b>January 10, 2005</b>
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		U.S. APPLN. NO. (if known):
INTERNATIONAL APPLICATION NO.: <b>PCT/JP02/012995</b>	INTERNATIONAL FILING DATE: <b>December 12, 2002</b>	PRIORITY DATE CLAIMED: <b>July 18, 2002</b>
TITLE OF INVENTION: <b>THERMOSET OPTICAL-PURPOSE ADHESIVE, AND OPTICAL ISOLATOR ELEMENT AND OPTICAL ISOLATOR TO WHICH THIS ADHESIVE HAS BEEN APPLIED</b>		
APPLICANT(S) FOR DO/EO/US: <b>Shigeru KOHINATA and Daiki SHIGA</b>		
Applicant hereby submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 USC 371(f)) at any time rather than delay examination until the expiration of the time limit set in 35 USC 371(b) and PCT Articles 22 and 39(1).</p> <p>4. <input type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)):</p> <p style="margin-left: 40px;">a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</p> <p style="margin-left: 40px;">b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau.</p> <p style="margin-left: 40px;">c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</p> <p>6. <input checked="" type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)).</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <p style="margin-left: 40px;">a. <input checked="" type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).</p> <p style="margin-left: 40px;">b. <input type="checkbox"/> have been transmitted by the International Bureau.</p> <p style="margin-left: 40px;">c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</p> <p style="margin-left: 40px;">d. <input type="checkbox"/> have not been made and will not be made.</p> <p>8. <input checked="" type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). (10 Sheets)</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p> <p><b>ITEMS 11. TO 16. BELOW CONCERN OTHER DOCUMENT(S) OR INFORMATION INCLUDED:</b></p> <p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98 together with PTO-1449, 8 references and International Search Report.</p> <p>12. <input checked="" type="checkbox"/> a. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p style="margin-left: 20px;"><input checked="" type="checkbox"/> b. ASSIGNEE(s) NAME(s) AND ADDRESS <u>SUMITOMO METAL MINING CO., LTD., Tokyo, Japan</u> <b>Please publish the assignee data with the application.</b></p> <p>13. <input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment</p> <p>14. <input type="checkbox"/> A substitute specification.</p> <p>15. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>16. <input checked="" type="checkbox"/> Other items or information: <b>5 Sheets of Drawings.</b></p>		

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U.S. APPLICATION NO. (if known)	INTERNATIONAL APPLICATION NO. <b>PCT/JP02/012995</b>	DATE: <b>January 10, 2005</b>
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17. <u>X</u> The following fees are submitted:  <b>Basic National Fee (37 CFR 1.492(a)(1)-(5):</b> Search Report has been prepared by the EPO or JPO: ..... \$300.00  <b>Search Fee</b> ..... \$500.00  <b>Examination Fee</b> ..... \$200.00  <div style="text-align: right;"><b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b></div>	<b>CALCULATIONS</b>	<b>PTO USE ONLY</b>
	\$ 300.00	
	\$ 500.00	
	\$ 200.00	
<b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>	<b>\$1000.00</b>	

Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). the fee is \$250.00 for each additional 50 sheets of paper or fraction thereof.			
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE
38 - 100 =	/ 50 =		x \$250.00


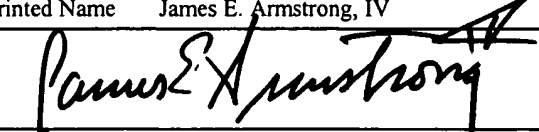
  

Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than <u>  </u> 20 30 months from the earliest claimed priority date (37 CFR 1.492(e)).		
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CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
TOTAL	12 - 20 =		X \$ 50.00		
INDEPENDENT	1 - 3 =		X \$ 200.00		
Multiple dependent claims(s) (if applicable)			+ \$360.00		
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$1000.00</b>	
Reduction by 1/2 for filing by small entity, if applicable. (Note 37 CFR 1.9, 1.27, 1.28).					
<b>SUBTOTAL =</b>				<b>\$1000.00</b>	
Processing fee of <b>\$130.00</b> for furnishing the English translation later than <u>  </u> 20 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				+	
<b>TOTAL NATIONAL FEE =</b>				<b>\$1000.00</b>	
<b>Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31).</b>				<b>\$ 40.00</b>	
<b>\$40.00 per property +</b>					
<b>TOTAL FEES ENCLOSED =</b>				<b>\$1040.00</b>	
				Amount to be:	
				refunded	\$
				charged	\$

COPY

U.S. APPLICATION NO. (if known)	INTERNATIONAL APPLICATION NO. PCT/JP02/012995	DATE: January 10, 2005
<p>a. <u>XX</u> A check in the amount of <u>\$1040.00</u> to cover the above fees is enclosed. (\$300.00 for basic fee, \$500.00 for search fee, \$200.00 for examination fee and \$40.00 for assignment.) (This paper is filed in triplicate)</p> <p>b. <u>    </u> Please charge my Deposit Account No. 01-2340 in the amount of \$ <u>    </u> to cover the above fees. (A duplicate copy of this sheet is enclosed.)</p> <p>c. <u>XX</u> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 01-2340.</p> <p>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed to request that the application be restored to pending status.</p>		
Send All Correspondence To:  Armstrong, Kratz, Quintos, Hanson & Brooks, LLP Suite 1000, 1725 K Street, N.W. Washington, D. C. 20006 Tel: (202) 659-2930 Fax: (202) 887-0357		 <b>23850</b> PATENT TRADEMARK OFFICE
Typed or Printed Name    James E. Armstrong, IV		Reg. No.    42,266
Signature 		Date:    January 10, 2005

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